Hazardous Materials Business Plan Training Topic 2

Persons Trained: HazMat Handlers, Squadron Duty Officer

(Annual Training Requirement)

LEARNING OJECTIVES

- **Terminal Objective:** Meet the Hazardous Materials Business Plan annual training requirement for coordinating with emergency response agencies.
- **Enabling Objectives:**
  - Define Emergency Response
  - Recognize Emergency Situations
  - Define Incidental Spills
  - Implement emergency Notification Procedures

BACKGROUND

- We use hazardous materials daily in maintenance, repair, and cleaning activities. Some are dangerous to human and environmental health because of the large quantity or toxicity.
- Though we do our best to handle hazmat safely to prevent spills, leaks, and other mishaps – accidents do happen. Most accidental spills and leaks are minor and within our response capabilities.
- In cases of major spill events or major emergencies we must know how to request response assistance to control or clean-up a spill, conduct evacuation, get emergency medical, or otherwise neutralize a hazard.

EMERGENCY SITUATIONS

- **Emergency situations may include:**
  - …a fire, visible or noxious fumes, or other significant health and safety hazards.
  - …an off-site, or potential offsite, impact such as the spill contaminating soil or entering storm drain.
  - …a need for assistance outside our unit to stop, contain, and/or clean up a chemical release.
  - Or if there is **any** doubt about the situations above.

EMERGENCY RESPONSE DEFINED

29 CFR 1910.120(a)(3)

- "…an occurrence which results, or that is likely to result, in an uncontrolled release of a hazardous substance…"
- "Release" meaning a hazardous substance getting into the environment (air, water, waterway, soil).
- "Uncontrolled" meaning that stopping, containing, or cleaning up the release is beyond our unit's ability.

INCIDENTAL SPILLS
(Non Emergency Response)

- Minor, “incidental”, spills that happen from time to time:
  - No release to the environment and no one got hurt.
  - No significant safety or health hazard.
  - No outside assistance needed to control or clean-up.
  - No implementation of the emergency plan required.
- Incidental spills can be avoided by following hazmat handling guidance in Business Plan Topic 1.
- Incidental spills must be cleaned up immediately and are logged in the unit’s Spill Log.

SPILL PREVENTION, CONTROL, AND COUNTERMEASURES PLAN (SPCC Plan)

- Established to prevent oil spills into U.S. waters and “sensitive” environments.
  - Storm drains and sanitary sewers.
  - Rose and Sycamore Canyons on MCAS Miramar.
- SPCC Plan lists oil spill prevention structures, procedures, and equipment.
  - Secondary containment around tanks and waste sites.
  - Overfill alarms and emergency shut-off valves.
  - Spill equipment and response procedures.

SPCC PLAN (2 of 2)

- SPCC Plan in its entirety is maintained by the Environmental Department.
- Each unit affected by the Plan has their portion on-hand and must be familiar with its contents.
- Our unit's portion of the SPCC Plan is tabbed in our unit's HW Compliance Binder.

Note: Not all units are affected by the SPCC Plan
so you may not have a specific portion of the Plan.

HAZARDOUS MATERIAL BUSINESS PLAN

- CA Health & Safety Code requirement for units with hazardous materials over listed thresholds.
- Four Sections:

I. Hazardous Materials Inventory

II. Emergency Response Plan w/Site Map

III. Employee Training Description

IV. Emergency Equipment Inventory

BUSINESS PLAN SECTION II EMERGENCY RESPONSE PLAN (2 of 2)

- **Part A review:**
  - Unit information.
  - Evacuation procedures.
  - Notification Procedures (On-base notification only).
  - Emergency Procedures.
- **Part B review:**
  - Emergency Coordinator Information (Miramar Fire Dept).
  - Ranking unit representative until MFD arrives.
- **Site Map review:**
  - HM/HW locations –Fire Extinguishers –Shut Offs
  - Evacuation routes –Storm/Sewer Drains

EMERGENCY NOTIFICATION PROCEDURES

- If the situation warrants emergency response, call 911 for fire, medical, and PMO assistance.
- Be prepared to tell the 911 Dispatcher:
  - Your name and telephone number.
  - Exact location of the incident (bldg and room number, if applicable).
  - Description of what is happening.
  - Any other relevant information.

EMERGENCY NOTIFICATION

PROCEDURES (2 of 2)

- Do not hang up the telephone until the 911 Dispatcher terminates the call.
- Ranking person acts as on-scene-commander until relieved by the Miramar Fire Dept.
- Do not call off-base agencies. The Miramar Fire or Environmental Department will contact off-base agencies, if required.

ON-SCENE-COMMANDER

- Start or continue any required evacuation and crowd control.
- Gather additional useful information w/o risking hazard exposure.
- Be prepared to guide emergency response personnel and a provide situation update.
- Have MSDS’s on-hand to assist responders, if available.

SPILL CLEAN-UP

- Clean-up usually will not start until after the emergency is under control and the emergency “all clear” sounded by MFD.
- MFD or Environmental Dept determines if outside response or clean-up assistance is needed.
- The responsible unit usually cleans up spills.

Note: Call the Environmental Dept at 577-1108
after 911.

REVIEW

- Emergency Response is required when the incident is beyond our capabilities, there's a fire, or someone is seriously injured.
- Call 911 (or pull the fire alarm) in case of emergency and provide the Dispatcher emergency information.
- Be prepared to assist the responders when they arrive on the scene.
- Notify on-station responders and departments only.
- Units clean up incidental (minor) spills.
- Sign-in on the Training Roster.

QUESTIONS?

- Contact your unit's Hazardous Waste Coordinator or your Group's Hazardous Waste Manager for hazmat assistance.
- Unit and Group HWCs should contact the Environmental Department's Waste Management Division at 577-1108 for questions regarding this presentation and/or for training assistance.